

Herbicides registered for Wisconsin tree planting in 2006 *Information compiled by Wisconsin DNR, Forest Health Protection*

PRODUCT NAME & ACTIVE INGREDIENT	FORMULATION	APPLICATION AND AMOUNT	TIMING	COMMENTS
Transline Clopyralid 40.9%	Emulsifiable concentrate.	Ground broadcast or spot spray. Apply to foliage over top of young trees. Apply 2/3 - 1 1/3 pints product diluted in at least 20 gallons water per acre.	Apply when weeds are actively growing. Treat thistles, alfalfa and knapweed from late spring to early summer.	Endangered species restriction: application on wild lupine prohibited. Supplemental labeling for tree planting sites: http://www.cdms.net/ldat/ld0BB015.pdf http://www.cdms.net/ldat/ld0BB018.pdf http://www.cdms.net/ldat/ld0BB013.pdf
Accord¹, Foresters¹, Glypro¹, Glyphosate¹, Razor¹ Glyphosate 41.0 - 53.8%	Soluble concentrate.	Aerial or ground, broadcast or directed spray. See labels for application rates for site preparation and conifer release. Several tank mixtures available.	After full leaf expansion; Woody plants late summer; Conifer release after bud set in fall or before bud swell in spring; Alfalfa see handout.	For release of pines and spruces apply at end of first growing season with reduced rates. See individual labels. http://www.cdms.net/manuf/manuf.asp?t=0
Velpar L^{1,2} Hexazinone 25%	Soluble concentrate.	Broadcast or directed spray. Apply 2 - 8 quarts product per acre for release. Application rate depends on soil texture.	Early spring to early summer. See label.	Release trees 2 to 4 years from planting. See label. http://www.cdms.net/ldat/ld03F000.pdf
Arsenal AC^{1,2} Imazapyr 53.1%	Soluble concentrate.	Aerial or ground, broadcast or directed spray. Apply 6 2/3 ounces - 2 pints product diluted in 5 gallons water per acre.	Foliage after full leaf development; Cut surface any time except heavy sap flow.	Do not apply with fixed wing aircraft. See label. http://www.cdms.net/ldat/ld542006.pdf
Chopper² Imazapyr 27.6%	Emulsifiable concentrate.	Aerial or ground, broadcast or directed spray. Conifer site preparation 24 - 32 ounces product per acre.	Foliage after full leaf expansion; Cut surface any time except heavy sap flow.	Do not apply with fixed wing aircraft. See label. http://www.cdms.net/ldat/ld524006.pdf
Linex 4L Linuron 40.6%	Flowable concentrate to be mixed with water.	Broadcast or directed spray. Apply 2 - 4 pints product per acre. Use lower rates on lighter soils.	In spring before or shortly after weeds germinate when precipitation is expected.	See label. http://www.cdms.net/ldat/ld03R017.pdf
Lorox DF Linuron 50%	Water dispersible granule.	Broadcast or directed spray. Apply 2 - 4 pounds product per acre. Use lower rates on lighter soils.	In spring before or shortly after weeds germinate and when precipitation is expected.	See label. http://www.cdms.net/ldat/ld2EP014.pdf
Escort XP, Patriot Metsulfuron methyl 60%	Water dispersible granule.	Aerial (helicopter only) or ground broadcast. Red pine site preparation the season before planting. Apply 1/3 - 2 ounce product per acre dependent on weed species and timing.	When weeds are fully expanded and actively growing.	Tank mixture combinations are available. See individual labels. http://www.cdms.net/ldat/ld5QT015.pdf http://www.cdms.net/ldat/ld6KH001.pdf
Predict Norflurazon 78.6%	Water dispersible granule.	Ground broadcast, strip or band spray. Apply 2.5 - 5 pounds per acre.	Before weed emergence in fall or spring.	Do not use on coarse textured soils. Allow new transplants one growing season before application. Tank mixtures OK. See label. http://www.cdms.net/ldat/ld0FD002.pdf
Pendulum 3.3 EC¹ Pendimethalin 37.4%	Emulsifiable concentrate.	Ground broadcast or directed. Apply 2.4 - 4.8 quarts per acre.	For site preparation apply at planting or to established trees.	Tank mixture OK. See label. For application at planting wait for closure of planting slit. http://www.cdms.net/ldat/ld3HA008.pdf
Sethoxydim G-Pro (Formerly Vantage) Sethoxydim 13 %	Emulsifiable concentrate.	Aerial or ground, broadcast, band or directed spray. Apply 2.25 - 3.75 pints product per acre.	Apply to actively growing grass before seed head appears. Works best when weeds are small.	Poor control may result if grass is stressed (draught, herbicide injury). http://www.cdms.net/ldat/ld6IK001.pdf

¹Multiple formulations available for this product. Check <http://www.cdms.net/manuf/manuf.asp?t=0> for more information.

²Indicates pesticides currently on a list of chemicals prohibited by the Forest Stewardship Council (FSC). On FSC-certified lands (including State forests and some County Forests) in 2006 these pesticides can only be used if they were used previously. Use on FSC-certified lands after 2006 is subject to change. Use on lands not certified under FSC is permissible according to the label.

Important Information

- ❖ Please read all labels carefully for endangered species warnings.
- ❖ Current specimen labels and MSDSs can be found at : <http://www.cdms.net/manuf/manuf.asp?t=0>

Herbicides registered for Wisconsin tree planting in 2006 *Continued.*

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Simazine 4L² Simazine 42.1%	Water dispersible liquid.	Aerial or ground, broadcast, band, directed or overtop spray. Apply 2 - 4 quarts product diluted in at least 25 gallons water per acre.	Before weeds emerge or after weed removal.	For use in shelterbelts only. Do not apply to transplants under 2-years-old. Shake container well before pouring concentrate. Tank mixtures OK. See label. http://www.cdms.net/ldat/ld687005.pdf
Simazine 90 DF² Simazine 90%	Water dispersible granule.	Aerial or ground, broadcast, band, directed or overtop spray. Apply 2.2 - 4.4 pounds product diluted in at least 25 gallons water per acre.	Before weeds emerge or after weed removal.	For use in shelterbelts only. Do not apply to transplants under 2-years-old. Tank mixtures OK. See label. http://www.cdms.net/ldat/ld0BS000.pdf
Oust XP¹, Spyder Sulfometuron methyl 75%	Water dispersible granule.	Aerial or ground, broadcast, band or directed spray. Apply 1 - 8 ounces per acre.	In late fall before planting or in spring after trees are planted but before bud break. Apply after rainfall closes planting slit.	Product requires use of a sprayer dedicated to only Sulfometuron methyl products. Tank mixtures OK. See individual labels. http://www.cdms.net/ldat/ld5FQ009.pdf http://www.cdms.net/ldat/ld6KG001.pdf

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